

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/214,009A

DATE: 08/09/2001  
TIME: 12:25:18

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\08092001\I214009A.raw

18  
OIEP  
RECEIVED  
NOV 13 2001  
TECH CENTER 1600123000

ENTERED

5 <110> APPLICANT: BEEKMAN, Nico Johannes Christiaan Maria  
7 SCHAAPER, Wilhelmus Martinus Maria  
9 DALSGAARD, Kristian  
11 MOLOEN, Robert Hans  
15 <120> TITLE OF INVENTION: VACCINE COMPRISING ANTIGENS BOUND TO CARRIERS THROUGH LABILE  
16 BONDS  
20 <130> FILE REFERENCE: 2183-3898  
24 <140> CURRENT APPLICATION NUMBER: 09/214,009A  
26 <141> CURRENT FILING DATE: 1999-05-07  
30 <160> NUMBER OF SEQ ID NOS: 5  
34 <170> SOFTWARE: PatentIn version 3.0  
38 <210> SEQ ID NO: 1  
40 <211> LENGTH: 21  
42 <212> TYPE: PRT  
44 <213> ORGANISM: Unknown Organism  
48 <220> FEATURE:  
50 <221> NAME/KEY: misc\_feature  
52 <223> OTHER INFORMATION: Description of Unknown Organism: Organism unknown,  
53 construct based on GnRH.  
57 <220> FEATURE:  
59 <221> NAME/KEY: misc\_feature  
61 <223> OTHER INFORMATION: Initial Xaa is pyroglutamic acid. Terminal Xaa is Cys with a  
62 thioester bond to palmitic acid, or Lys bound to palmitic  
63 acid as an amide.  
67 <400> SEQUENCE: 1  
W--> 69 Xaa His Trp Ser Tyr Gly Leu Arg Pro Gly Gln His Trp Ser Tyr Gly  
70 1 5 10 15  
W--> 72 Leu Arg Pro Gly Xaa  
73 20  
75 <210> SEQ ID NO: 2  
77 <211> LENGTH: 22  
79 <212> TYPE: PRT  
81 <213> ORGANISM: canine parvovirus  
85 <220> FEATURE:  
87 <221> NAME/KEY: misc\_feature  
89 <223> OTHER INFORMATION: Xaa is Cys which may be acetylated, palmitoylated,  
90 conjugated to another peptide chain via a disulfide  
91 bridge, is absent, or any combination thereof.  
95 <400> SEQUENCE: 2  
W--> 97 Xaa Ser Asp Gly Ala Val Gln Pro Asp Gly Gly Gln Pro Ala Val Arg  
98 1 5 10 15  
100 Asn Glu Arg Ala Thr Gly  
101 20  
103 <210> SEQ ID NO: 3  
105 <211> LENGTH: 18  
107 <212> TYPE: PRT  
109 <213> ORGANISM: feline immunodeficiency virus

BEST AVAILABLE COPY

RAW SEQUENCE LISTING  
PATENT APPLICATION: US/09/214,009A

DATE: 08/09/2001  
TIME: 12:25:19

Input Set : A:\sequence listing.txt  
Output Set: N:\CRF3\08092001\I214009A.raw

113 <220> FEATURE:  
115 <221> NAME/KEY: misc\_feature  
117 <223> OTHER INFORMATION: Xaa is Cys that is (alone or in combination) acetylated,  
118 bound to palmitic acid via a thioester bond, conjugated  
119 or can be absent.  
123 <400> SEQUENCE: 3  
W--> 125 Xaa Arg Ala Ile Ser Ser Trp Lys Gln Arg Asn Arg Trp Glu Trp Arg  
126 1 5 10 15  
128 Pro Asp  
131 <210> SEQ ID NO: 4  
133 <211> LENGTH: 13  
135 <212> TYPE: PRT  
137 <213> ORGANISM: Unknown Organism  
141 <220> FEATURE:  
143 <221> NAME/KEY: misc\_feature  
145 <223> OTHER INFORMATION: Description of Unknown Organism: Model Peptide  
149 <220> FEATURE:  
151 <221> NAME/KEY: misc\_feature  
153 <223> OTHER INFORMATION: Initial Cys is bound to palmitic acid via a thioester bond.  
157 <400> SEQUENCE: 4  
159 Cys Ser Glu Ile Phe Arg Pro Gly Gly Gly Asp Met Arg  
160 1 5 10  
162 <210> SEQ ID NO: 5  
164 <211> LENGTH: 10  
166 <212> TYPE: PRT  
168 <213> ORGANISM: Unknown Organism  
172 <220> FEATURE:  
174 <221> NAME/KEY: misc\_feature  
176 <223> OTHER INFORMATION: Description of Unknown Organism: Model Peptide  
180 <220> FEATURE:  
182 <221> NAME/KEY: misc\_feature  
184 <223> OTHER INFORMATION: Initial Cys is bound to palmitic acid via a thioester bond.  
188 <400> SEQUENCE: 5  
190 Cys Val Ala Thr Gln Leu Pro Ala Ser Phe  
191 1 5 10

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/214,009A

DATE: 08/09/2001

TIME: 12:25:20

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\08092001\I214009A.raw

L:69 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1  
L:69 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:72 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:1  
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:1  
L:97 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:2  
L:97 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:2  
L:125 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:3  
L:125 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3